

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : CANON INC

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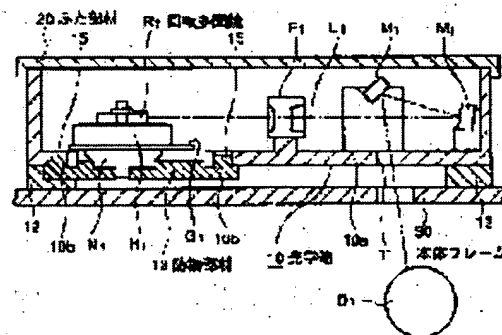
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(54) OPTICAL DEFLECTION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent vibrations of a revolving polygon mirror and its driving part from transmitting to the lens and the mirror.

SOLUTION: Scanning light L1 of a revolving polygon mirror R1 forms an image on a photoreceptor on a rotating drum D1 via a lens F1 and a pair of reflector mirrors M1. The revolving polygon mirror R1 and a bearing part N1 holding a motor H1 are fixed to the bottom wall 10a of an optical box 10 via a buffer member 13 with a large attenuation effect against vibrations. The bottom base 10a holding the lens F1 and the reflector mirror M1 is made of a material of a high rigidity.



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